


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	ADG/18/10842	
<b>1.3 Title of PCN</b>	Capacity extension with 8' conversion for Ultrafast diodes production line	
<b>1.4 Product Category</b>	200V to 600V Ultrafast diodes ? 4A (except SMB/SMC/Axial Packages)	
<b>1.5 Issue date</b>	2018-05-14	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	MARSHALL DAVE
<b>2.1.2 Phone</b>	
<b>2.1.3 Email</b>	dave.marshall@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Richard RENARD
<b>2.1.2 Marketing Manager</b>	Franck DUCLOS
<b>2.1.3 Quality Manager</b>	Jean-Paul REBRASSE

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
General	Wafer diameter modification	ST Front end site in Tours

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	6 inches wafers	6 inches wafers + 8 inches wafers
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	no	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	to expand the manufacturing capacity of ultrafast diodes
<b>5.2 Customer Benefit</b>	MANUFACTURING FLEXIBILITY

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	internal codification, label code
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2018-04-11
<b>7.2 Intended start of delivery</b>	2018-07-30
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>			
<b>8.2 Qualification report and qualification results</b>	In progress	<b>Issue Date</b>	

**9. Attachments (additional documentations)**

10842 Public product.pdf  
10842 PCN Ultrafast\_8 inches.pdf

10. Affected parts		
10. 1 Current		10.2 New (if applicable)
10.1.1 Customer Part No	10.1.2 Supplier Part No	10.1.2 Supplier Part No
	STTH10002TV1	
	STTH120L06TV1	
9907882	STTH12R06D	
	STTH15AC06CT	
	STTH15AC06FP	
	STTH20003TV1	
	STTH20004TV1	
	STTH200L06TV1	
	STTH5L06FP	
9935967	STTH6002CW	
9803815	STTH6003CW	
	STTH6004W	
	STTH60L06CW	
	STTH8L06FP	
	STTH8R06FP	
	STTH1002CB	
	STTH30R06CW	
	STTH30AC06CP	
	STTH30AC06CWL	

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